

Discrimination Using RNase A

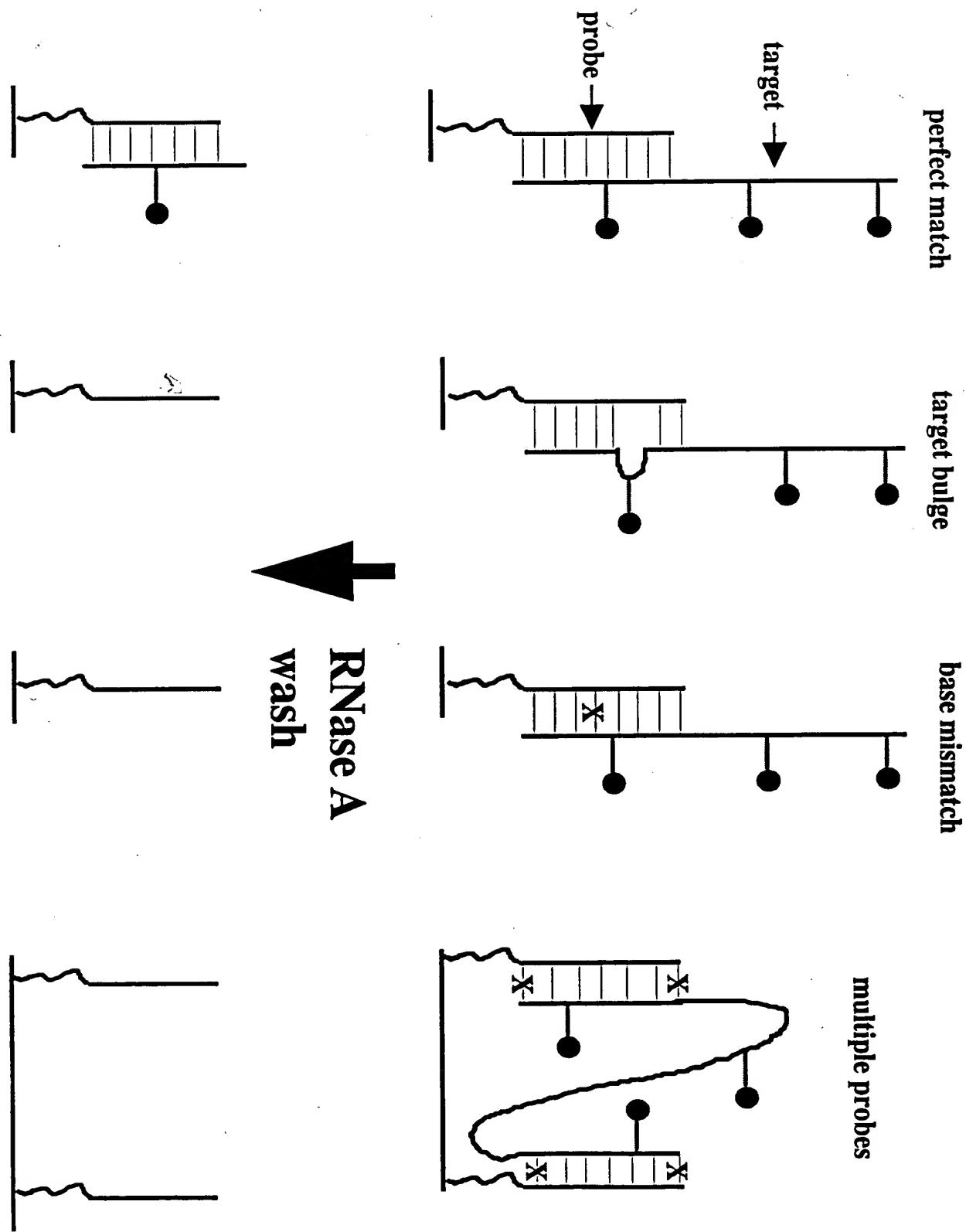


Figure 1

Discrimination With Ligation

labelled 6-mer

labelled probe

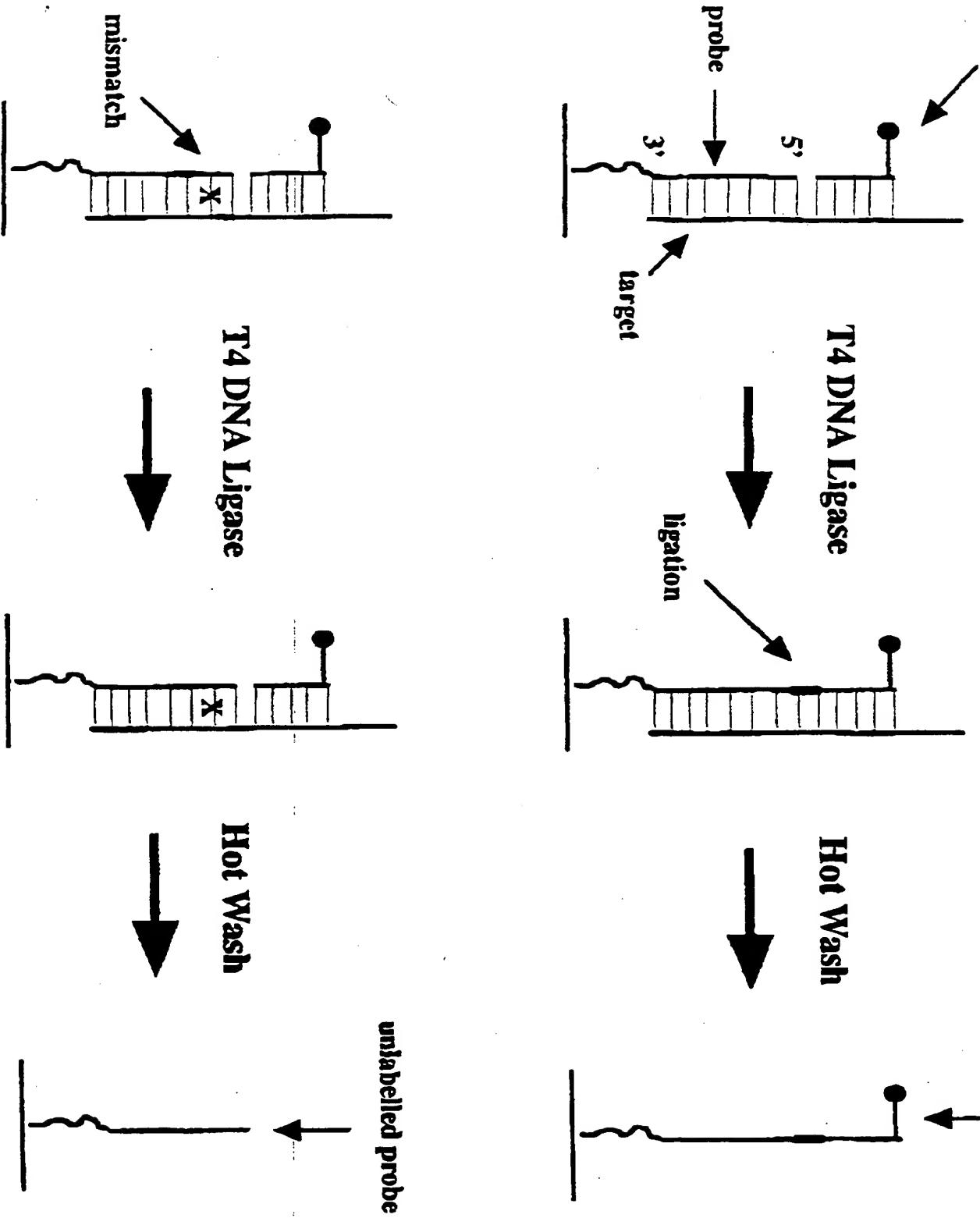


Figure 2

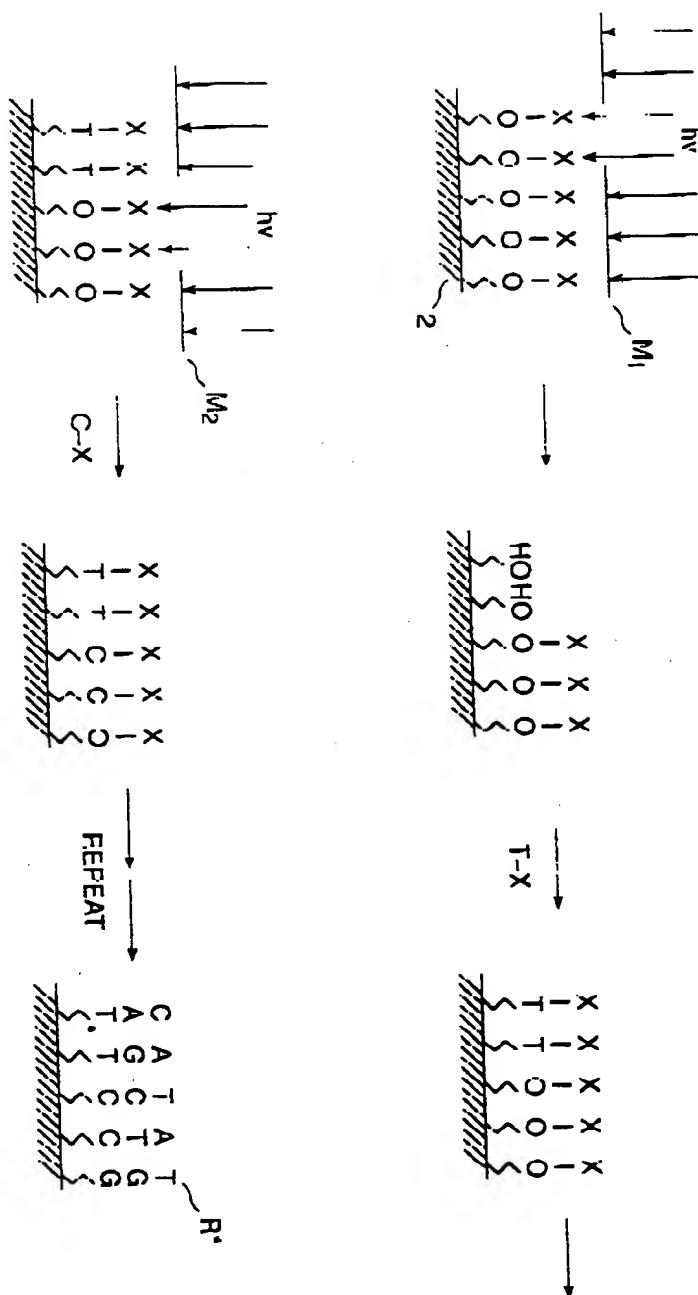


Figure 3

Procedure

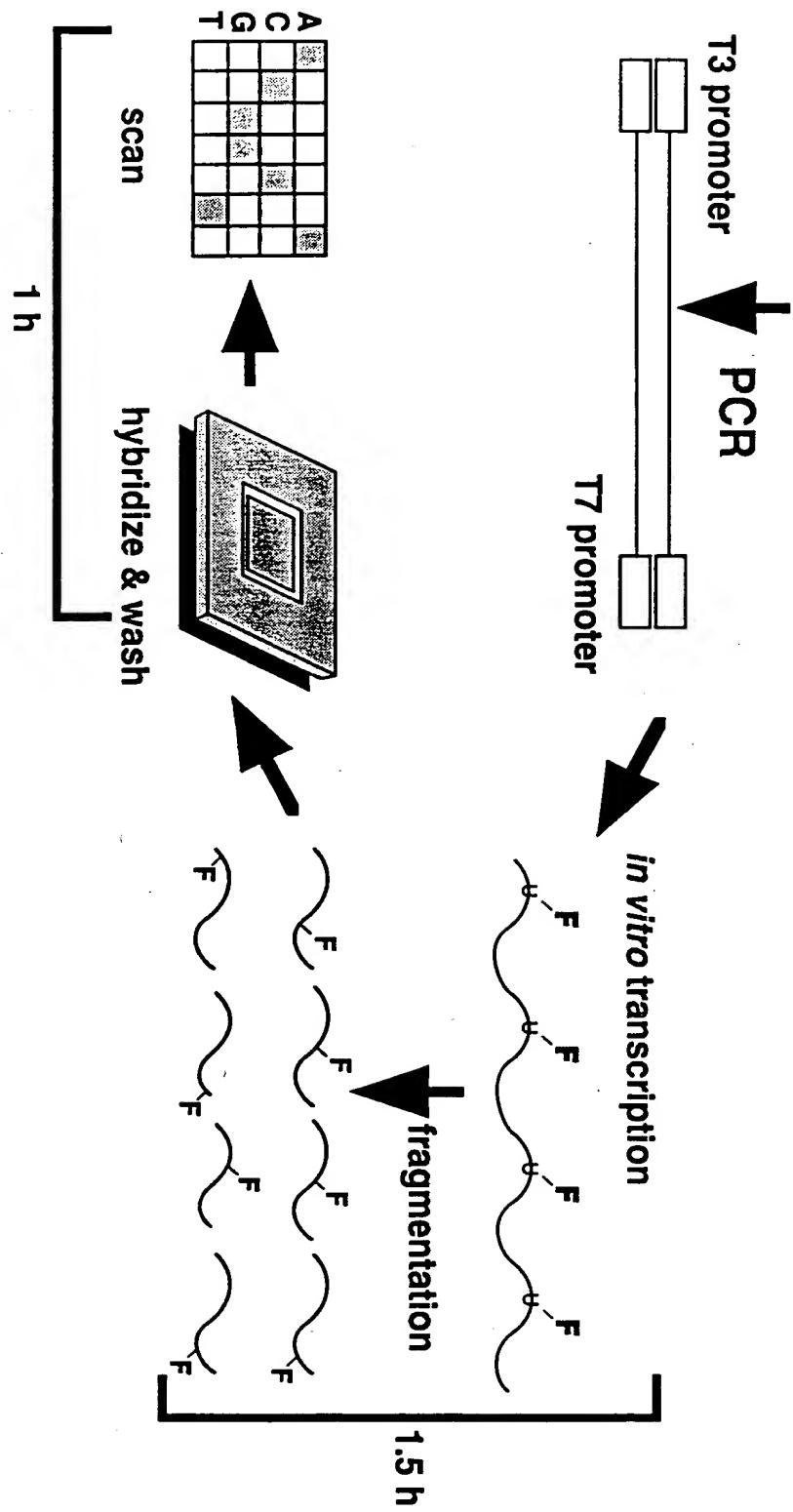


Figure 4

position
TARGET
probe
n
n+1
n+2
5' ...AAAGAAAAAGACAGTACTAATGGA...
3', tttttNtgtcatga
3', ttttcNtgtcatgat
3', tttcgNtcatgatt

FIGURE 5

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Hybridization to mtDNA Chip

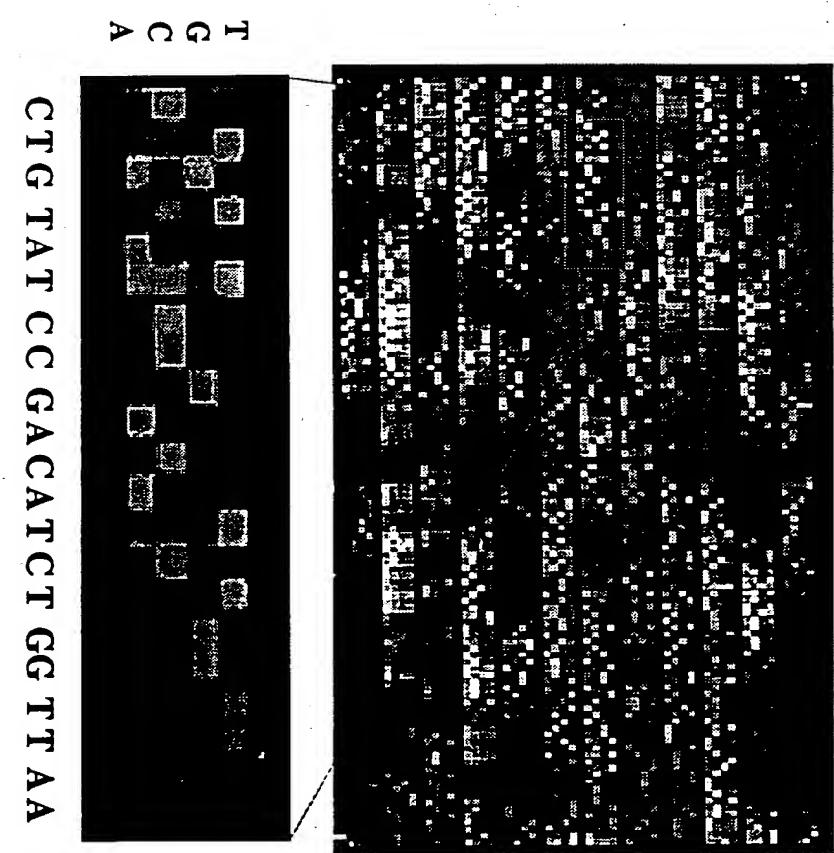


Figure 6

Hybridization and RNase A

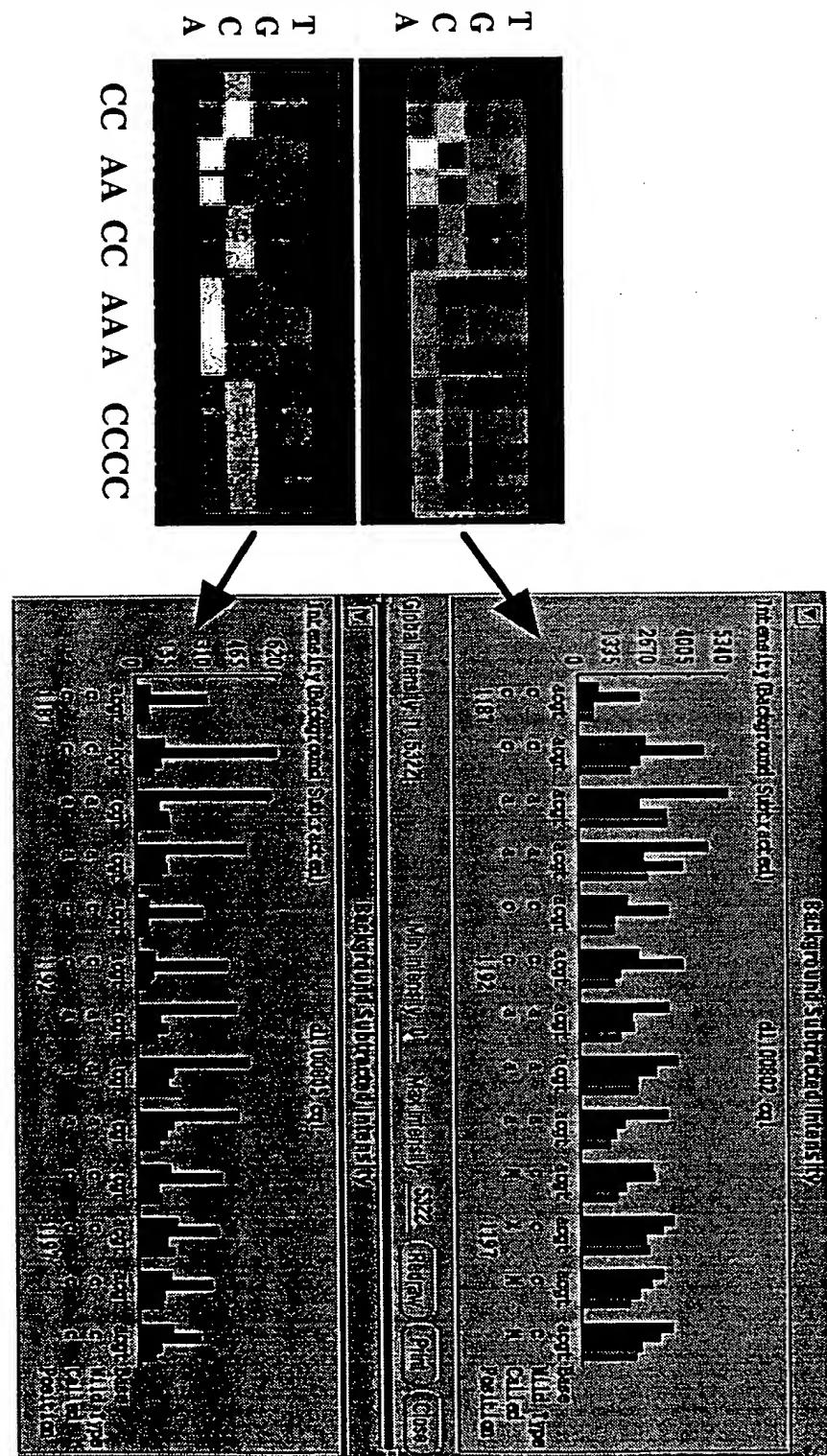


Figure 7